

Tandbergs Patentkontor AS

Norwegian Patent Application 1999 5593

Shell IRM BV

Your Reference: 25791.9.04

Our Reference: 76064-BF

**Translation of an official action dated 2002-08-20
in the above patent application**

Conclusion

The invention of the application is not patentable.

Result of novelty search

D1: US 5 343 949

D2: US 4 714 117

Evaluation of patentability

D1 shows an apparatus for isolating zones in a well consisting of solid pipe members P, P', slotted pipe members S, S', seals 20, 20' and a shoe (245).

D2 shows a perforated casing 10, 16, 32-38 having casing packers 18, 40-44 for isolating production zones in the well from one another.

Novelty:

The invention according to claim 1 is known in its entirety from D1, and claim 1 therefore does not set forth a new invention. The same applies to claim 5. It can neither be seen that the methods of claims 6 and 7 set forth anything new in relation to D1.

Inventive step:

Since the invention according to the claims 1, 5, 6 and 7 does not set forth anything new, the claims neither exhibit an inventive step. The invention according to the claims 1, 5, 6 and 7 therefore is not patentable, cf. Section 2 of the Patents Act. It can neither be seen that the dependent claims set forth a patentable invention.

Formal lacks

Claim 5 in the reality sets forth the same as claim 1, and therefore can not be approved as an independent claim, cf. PR part C chapter III 3.1.2. The claims lack reference numerals. cf. Section 3-10 of the Patent Provisions.

Directions

This action must be responded to within the above-mentioned term. If not, the application will be shelved, cf. Section 15 of the Patents Act.

**PATENTSTYRET**

Styret for det industrielle rettsvern

**NORSK GRANSKINGSRAPPORT
NORWEGIAN SEARCH REPORT**Patentsøknad nr.
Patent application no.

1999 5593

Kategori/ Category*	Anførte publikasjoner: Cited documents:	Relevant mot krav Relevant to claim(s)																					
X	US 5.343.949	1-8																					
X	(Spalte 12 linje 5 til 38, figur 4a og 4b) US 4.714.117 (Spalte 3 linje 26 til spalte 4 linje 60)	1-8																					
<table><tr><td colspan="2">*Dokumentkategori:</td><td>*Category of cited document:</td></tr><tr><td>X:</td><td>særlig relevant alene</td><td>X: particularly relevant if taken alone</td></tr><tr><td>Y:</td><td>særlig relevant dersom det kombineres med annet dokument i samme kategori</td><td>Y: particularly relevant if combined with another document of the same category</td></tr><tr><td>A:</td><td>bakgrunnsteknikk</td><td>A: technological background</td></tr><tr><td>D:</td><td>anført i beskrivelsen</td><td>D: document cited in the application</td></tr><tr><td>E:</td><td>dokument med tidligere prioritet (PL § 2.2.3)</td><td>E: earlier patent document, but published on, or after the filing date</td></tr><tr><td>&:</td><td>publikasjon i samme patentfamilie</td><td>&: member of the same family</td></tr></table>			*Dokumentkategori:		*Category of cited document:	X:	særlig relevant alene	X: particularly relevant if taken alone	Y:	særlig relevant dersom det kombineres med annet dokument i samme kategori	Y: particularly relevant if combined with another document of the same category	A:	bakgrunnsteknikk	A: technological background	D:	anført i beskrivelsen	D: document cited in the application	E:	dokument med tidligere prioritet (PL § 2.2.3)	E: earlier patent document, but published on, or after the filing date	&:	publikasjon i samme patentfamilie	&: member of the same family
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Rapport utferdiget/date of report: 2002.08.16 av/by Bjørn Løvås